



PATENTS

THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Javier MARTI SENDRA ET AL.- 1 PCT
SERIAL NO: 10/568,363 EXAMINER: J. T. RAHLI
FILED: MARCH 24, 2006 GROUP: 2874
TITLE: METHOD OF DIVIDING A GUIDED ELECTROMAGNETIC SIGNAL
INTO TWO HALF-POWER SIGNALS USING PHOTONIC
CRYSTALS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Supplemental to the Information Disclosure Statement filed
March 24, 2006, Applicants wish to bring to the attention of the
Patent Examiner the references listed on the enclosed Form PTO-
1449 and attached thereto. A copy of the U.S. Patent is not
enclosed pursuant to current Patent Office guidelines.

U.S. Patent No. 7,110,641 to Benesty et al. is believed to
be the English-language equivalent of FR 2,841,658. The FR '658
patent was cited in the International Search Report and listed
Applicants' March 24, 2006 Information Disclosure Statement.
Although the Examiner indicated that he had not considered the
reference because a copy had not been received, the Electronic

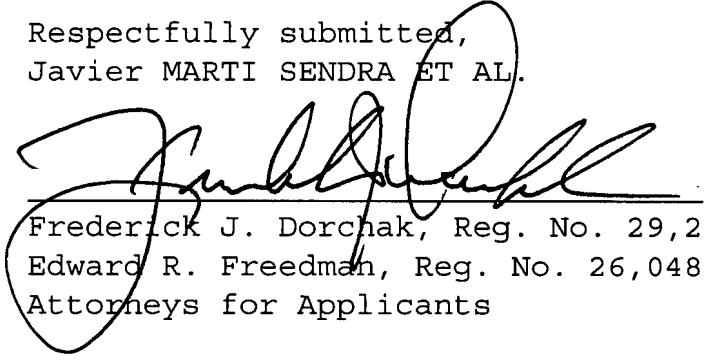
Records of the USPTO PAIR System contain a copy of FR '658 filed on March 24, 2006. In any event, Applicants resubmit the reference herewith.

Because this Information Disclosure Statement is being filed after an Office Action, the Commissioner is hereby authorized to charge the official fee \$180 to Collard & Roe, P.C.'s Deposit Account 03-2468. Commissioner is hereby authorized to charge Deposit Account No. 03-2468 for any additional fees or credit any overpayment in connection with this IDS.

It is respectfully requested that the foregoing IDS be incorporated into the official file of the present patent application.

Respectfully submitted,
Javier MARTI SENDRA ET AL.

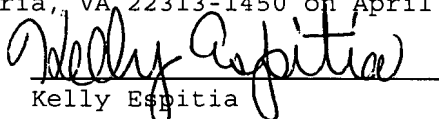
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Frederick J. Dorchak, Reg. No. 29,298
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Attorneys for Applicants

Enclosures: PTO Form 1449 with copies of fifteen (15) references

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: COMMISSIONER OF PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450 on April 16, 2007.



Kelly Espitia

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. :

SERIAL NO.

MARTI SENDRA ET AL- 1 PCT

10/568,363

LIST OF REFERENCES CITED BY
APPLICANT

(Use several sheets if necessary)

APPLICANT : Javier MARTI SENDRA ET AL.

FILING DATE:

FEBRUARY 14, 2006

GROUP:

2874

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	7,110,641	9/2006	Benesty et al. (= FR 2 841 658 A1)			
	AB						
	AC						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AD	FR 2 841 658 A1	01/2004	France (ISR) (= US 7,110,641)				
	AE							
	AF							
	AG							
	AH							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AJ		S. Noda, et al., "Full Three-Dimensional Photonic Crystals at Near-Infrared Wavelengths", Science, 289, pp.604-606, 1998.
	AK		E. Chow, et al., "Three-dimensional control of light in a two-dimensional photonic crystal slab", Nature, 407, pp. 983-986, 2000.
	AL		S. Y. Lin, et al., "Experimental demonstration of guiding and bending electromagnetic waves in a photonic crystal", Science, 282, pp. 274-276, 1998.
	AM		S. Y. Lin, et al., "Highly dispersive photonic band-gap prism", Opt. Lett. 21, 1771, 1996.
	AN		M. Bayindir, et al., "Tight-binding description of the coupled defect modes in three-dimensional photonic crystals", Phys. Rev. Lett., vol. 84, no. 10, pp. 2140-2143, 2000.

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. : MARTI SENDRA ET AL- 1 PCT	SERIAL NO. 10/568,363
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT : Javier MARTI SENDRA ET AL.	
		FILING DATE: FEBRUARY 14, 2006	GROUP: 2874

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	A. Yariv, et al., "Coupled-RESONATOR optical waveguide: a proposal and analysis", Opt. Lett., vol. 24 no. 11, pp. 711-713, 1999.
	AP	R. Ramaswami et al., "Optical Networks: A practical perspective", Morgan Kaufmann Publishers, 1997.
	AQ	M. Koshiba, "Wavelength division multiplexing and demultiplexing with photonic crystal waveguide couplers", IEEE J. Lightwave Technol., Vol. 19, no. 12, pp. 1970-1975, 2001.
	AR	S. Boscolo et al., "Coupling and decoupling electromagnetic waves in parallel 2D photonic crystal waveguides", IEEE J. Quantum Electron, vol. 38, no. 1, pp. 47-52, 2002.
	AS	S. Y. Lin, et al., "Low-loss, wide-angle Y splitter at 1.6-mm wavelengths built with a two-dimensional photonic crystal", Opt. Lett. vol. 27, no. 16, pp. 1400-1402, 2002.
	AT	M. Bayindir, et al, "Photonic-crystal-based beam splitters", App. Phys. Lett. vol. 77 no. 24, pp. 3902-3904, 2000.
	AU	Tokushima, M. et al., "Photonic crystal line defect waveguide directional coupler" Electronic Letters Online, IEE November 22, 2001, Vol. 37, No. 24.
	AV	Sharkawy, A. et al., "Electro-optical switching using coupled photonic crystal waveguides" Optics Express, Vol. 10, No. 20, October 7, 2002, pages. 1048-1059.
	AW	Boscolo, S. et al., "Y junctions in photonic crystal channel waveguides: high transmission and impedance matching" Optics Letter, Vol. 27, No. 12, June 15, 2002, pages 1001-1003.
	AX	
	AY	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.